## EAST Search History

| Ref # | Hits | Search Query   | DBs                                   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------------------|---------------------|---------|---------------------|
| L2    | 30   | "712".clas. "instruction stream" near8 (branch or "control transfer") with execution near2 unit\$1   | US PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND                 | OFF     | 2008/10/15<br>14:06 |
| L3    | 87   | "712".clas. "instruction stream" near3 (branch or "control transfer") same execution near2 unit\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND                 | OFF     | 2008/10/15<br>14:06 |
| Si    | 1    | ("5381533").PN.  | USPAT; USOCR                          | OR                  | OFF     | 2007/07/31<br>10:23 |
| S2    | 259  | rosner.in.   | USPAT                                 | OR                  | OFF     | 2005/11/18<br>07:41 |
| 83    | 3    | S2 and processing.<br>ti.  | USPAT                                 | OR                  | OFF     | 2005/11/18<br>07:42 |
| S4    | 0    | S2 and processing.<br>ti.  | US-PGPUB                              | OR                  | OFF     | 2005/11/18<br>07:42 |
| S5    | 76   | rosner.in.   | US-PGPUB                              | OR                  | OFF     | 2005/11/18<br>07:42 |
| S6    | 0    | S5 and processor.ti.   | US-PGPUB                              | OR                  | OFF     | 2005/11/18<br>07:42 |
| S7    | 2    | moffie.in.   | US-PGPUB                              | OR                  | OFF     | 2005/11/18<br>07:42 |
| S8    | 49   | (("(6311261") or ("6163839") or ("6247115") or ("6247115") or ("5729728") or ("5809271") or ("5913050") or ("5913050") or ("5913050") or ("5922674") or ("5584037") or ("5984038") or ("5687338") or ("6101597") or ("6101597") or ("6393550") or ("5524263") or ("5524263") or ("5587152") or ("5573426") or ("5573426") or ("5573426") or ("57673426") | ŪSPAT; USOOR                          | OR                  | OFF     | 2005/11/18<br>08:57 |

|    |    | ("5813037") or ("6209084") or ("6209084") or ("6209084") or ("6209084") or ("6269086") or ("55757560") or ("55757560") or ("55757560") or ("5976468") or ("57765016") or ("57765016") or ("5765016") or ("57640742") or ("5644742") or ("5649136") or ("576908502") or ("5659721") or ("5751985") or ("5571985") or ("5571985") or ("57761985") or ("57781985") or ("5777828") or ("5777828") or ("5777828") or ("5777828") or ("5777828") or ("5777828") or ("5778388") or ("5778388") or ("5778388") or ("5778388") or ("5783889") or ("58857889") or ("58857889" |       |    |     |                  |
|----|----|--|-------|----|-----|------------------|
| 89 | 50 | ("6311261" "6163839" "6247115" "5729728" "5809271" "6112019" "5913050" "6351805" "5584037" "5584038" "5687338" "5665115" "6101597" "6393550" "5627985" "5524263" "5887152" "5673426" "5513037" "6209084" "6249862"   | USPAT | OR | OFF | 2005/11/18 08:57 |

|     |        | "5537560" "5974538" "5625788" "5625788" "5915110" "5920710" "5946468" "5765016" "5740393" "6085302" "5644742" "5649136" "5659721" "5751985" "57588610" "5033462" "5574935" "5574935" "5777928" "6108769" |              |    |     |                     |
|-----|--------|--|--------------|----|-----|---------------------|
| S10 | 162951 | "5838942"<br>"6738897"<br>"5696955"<br>"5857089"<br>"5778245").pn.   | USPAT        | OR | OFF | 2005/11/18          |
| 310 | 102931 | through or fail  | UOFAI        | On | On  | 13:26               |
| S11 | 1256   | S10 near2 branch   | USPAT        | OR | OFF | 2005/11/18<br>13:27 |
| S12 | 347145 | "reservation station"<br>or buffer or queue  | USPAT        | OR | OFF | 2005/11/18<br>13:28 |
| S13 | 977    | (reorder or re-<br>order) adj buffer   | USPAT        | OR | OFF | 2006/03/14<br>17:22 |
| S14 | 529    | S11 and S12 and<br>S13   | USPAT        | OR | OFF | 2005/11/18<br>13:29 |
| S15 | 366    | (712/218).OOLS.  | USPAT; USOCR | OR | OFF | 2005/11/18<br>13:29 |
| 316 | 117    | S15 and S13  | USPAT        | OR | OFF | 2005/11/18<br>13:30 |
| 317 | 74     | S16 and S11  | USPAT        | OR | OFF | 2005/11/18<br>13:45 |
| 318 | 0      | "global reorder<br>buffer" or "global re-<br>order buffer"   | USPAT        | OR | OFF | 2005/11/18<br>13:45 |
| S19 | 1      | "global reorder"   | USPAT        | OR | OFF | 2005/11/18<br>13:46 |
| 320 | 0      | S13 near2 global   | USPAT        | OR | OFF | 2005/11/18<br>13:46 |

| S21         | 2      | S13 near3 local                           | USPAT              | OR | OFF | 2005/11/18<br>13:48 |
|-------------|--------|---|--------------------|----|-----|---------------------|
| S22         | 26     | S13 with flush                            | USPAT              | OR | OFF | 2005/11/18<br>13:48 |
| S23         | 366    | (712/218).OOLS.                           | USPAT; USOCR       | OR | OFF | 2005/11/21<br>16:11 |
| S24         | 134    | S23 and (reorder or re-order)             | USPAT              | OR | OFF | 2006/08/23<br>10:40 |
| S25         | 422    | (712/217).OOLS.                           | USPAT; USOCR       | OR | OFF | 2005/11/21<br>16:11 |
| S26         | 1388   | (reorder or re-<br>order) adj buffer      | US-PGPUB;<br>USPAT | OR | ON  | 2006/03/14<br>17:22 |
| S27         | 12768  | segment with track<br>\$3                 | US-PGPUB;<br>USPAT | OR | ON  | 2006/03/14<br>17:22 |
| S28         | 6      | S26 and S27                               | US-PGPUB;<br>USPAT | OR | ON  | 2006/03/14<br>17:22 |
| S29         | 398    | (712/218).OCLS.                           | USPAT; USOCR       | OR | OFF | 2006/08/23<br>10:40 |
| S30         | 143    | S29 and (reorder or re-order)             | USPAT              | OR | OFF | 2006/08/23<br>10:40 |
| S31         | 143    | \$30                                      | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| S32         | 4358   | "S74"                                     | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| <b>S</b> 33 | 172200 | mispredict\$3 or fall-<br>through or fall | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| S34         | 1320   | S33 near2 branch                          | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| S35         | 1039   | (reorder or re-<br>order) adj buffer      | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| <b>S3</b> 6 | 398    | (712/218).OCLS.                           | USPAT; USOCR       | OR | OFF | 2006/08/23<br>10:41 |
| <b>S</b> 37 | 125    | S36 and S35                               | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| <b>S3</b> 8 | 77     | S37 and S34                               | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| S39         | 77     | 538                                       | USPAT              | OR | OFF | 2006/08/23<br>10:41 |
| S40         | 418    | (712/218).OOLS.                           | USPAT; USOCR       | OR | OFF | 2007/02/22<br>12:28 |
| S41         | 147    | S40 and (reorder or re-order)             | USPAT              | OR | OFF | 2007/02/22<br>12:28 |
| S42         | 147    | S41                                       | USPAT              | OR | OFF | 2007/02/22<br>12:28 |

| S43         | 147    | S42  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/02/22<br>12:28 |
|-------------|--------|--|---------------------------------------|-----|-----|---------------------|
| S44         | 178297 | mispredict\$3 or fall-<br>through or fail  | USPAT                                 | OR  | OFF | 2007/02/22<br>12:28 |
| S45         | 1362   | S44 near2 branch   | USPAT                                 | OR  | OFF | 2007/02/22<br>12:28 |
| S46         | 1075   | (reorder or re-<br>order) adj buffer   | USPAT                                 | OR  | OFF | 2007/02/22<br>12:28 |
| S47         | 418    | (712/218).OOLS.  | USPAT; USOCR                          | OR  | OFF | 2007/02/22<br>12:28 |
| S48         | 129    | S47 and S46  | USPAT                                 | OR  | OFF | 2007/02/22<br>12:28 |
| S49         | 79     | S48 and S45  | USPAT                                 | OR  | OFF | 2007/02/22<br>12:28 |
| S50         | 79     | S49  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/02/22<br>12:28 |
| S51         | 1552   | (reorder or re-<br>order) adj buffer   | US-PGPUB;<br>USPAT                    | OR  | ON  | 2007/02/22<br>12:28 |
| S52         | 14360  | segment with track<br>\$3  | US-PGPUB;<br>USPAT                    | OR  | ON  | 2007/02/22<br>12:28 |
| S53         | 7      | S51 and S52  | US-PGPUB;<br>USPAT                    | OR  | ON  | 2007/02/22<br>12:28 |
| S54         | 7      | S53  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/02/22<br>12:28 |
| S55         | 2      | "6230230".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/02/23<br>14:01 |
| S56         | 4      | "global reorder<br>buffer"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>10:50 |
| S57         | 0      | mispredict\$4 with<br>dependant\$4 with<br>flush\$2  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>10:51 |
| S58         | 8      | mispredict\$4 with<br>dependent\$4 with<br>flush\$2  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>10:52 |
| <b>S</b> 59 | 12     | mispredict\$4 with<br>flush\$2 switch\$4<br>near5 ("execution<br>units" or "functional<br>units" or "arithmetic<br>logic units") | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30 10:58    |

| S60 | 12  | mispredict\$4 with<br>flush\$2 chang\$4<br>near5 ("execution<br>units" or "functional<br>units" or "arithmetic<br>logic units") | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30          |
|-----|-----|---|---------------------------------------|-----|-----|---------------------|
| S61 | 787 | mispredict\$4 with<br>flush\$2  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:00 |
| S62 | 298 | mispredict\$4 with<br>flush\$2 with<br>subsequent   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:00 |
| S63 | 239 | mispredict\$4 with<br>flush\$2 with<br>subsequent same<br>"reorder buffer"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:03 |
| S64 | 1   | mispredict\$4 with<br>flush\$2 with<br>subsequent with<br>"reorder buffer"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:01 |
| S65 | 21  | instruction adj8<br>(chang\$4 or switch<br>\$4) near5<br>"execution units"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:09 |
| S66 | 0   | "reservation<br>stations" near5<br>exchang\$4 near5<br>instruction\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:09 |
| S67 | 0   | "reservation<br>stations" near5<br>tranfer\$4 near5<br>instruction\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:09 |
| S68 | 0   | reservation near1<br>station\$1 near5<br>tranfer\$4 near5<br>instruction\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:09 |
| S69 | 20  | reservation near1<br>station\$1 near5<br>(tranfer\$4 or<br>exchang\$4 or giv\$4)<br>near5 instruction\$1                        | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>11:12 |
| S70 | 6   | reservation near1<br>station\$1 with<br>exchang\$4  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>13:48 |
| S71 | 18  | instruction with<br>switch\$4 near5<br>"execution units"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>13:56 |
| S72 | 8   | instruction with<br>chang\$4 near5<br>"execution units"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>13:58 |

| S73 | 158 | instruction near5<br>chang\$4 near5<br>execution near5 unit<br>\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:00 |
|-----|-----|--|---------------------------------------|-----|-----|---------------------|
| S74 | 123 | instruction near5<br>chang\$4 near5<br>execution near2 unit<br>\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:17 |
| S75 | 0   | instruction near5<br>chang\$4 near5<br>intended near5<br>execution near2 unit<br>\$1                                     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:15 |
| S76 | 0   | instruction near5<br>chang\$4 near5<br>another near2<br>execution near2 unit<br>\$1                                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:17 |
| S77 | 0   | instruction near8<br>chang\$4 near8<br>another near2<br>execution near2 unit<br>\$1                                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:17 |
| S78 | 206 | instruction near8<br>chang\$4 near8<br>execution near2 unit<br>\$1   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/30<br>14:17 |
| S79 | 24  | instruction near5<br>intended near5<br>"execution unit"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:25 |
| S80 | 217 | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 execution<br>near2 unit\$1                     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:27 |
| S81 | 0   | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 diffrent near2<br>execution near2 unit<br>\$1  | US PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:27 |
| S82 | 1   | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 different near2<br>execution near2 unit<br>\$1 | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31          |

| S83 | 0   | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 different near2<br>"reservation station"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:43 |
|-----|-----|---|---------------------------------------|-----|-----|---------------------|
| S84 | 0   | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 different near2<br>("reservation<br>station" or<br>"instruction buffer"<br>or "instruction<br>queue")                         | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:43 |
| S85 | 256 | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 ("reservation<br>station" or<br>"instruction buffer"<br>or "instruction<br>queue")  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:45 |
| S86 | 0   | instruction\$1 adj5<br>(switch\$4 or chang<br>\$4 or transfer\$4)<br>adj5 (another or<br>different or unused)<br>adj2 ("reservation<br>station" or<br>"instruction buffer"<br>or instruction<br>queue") | US PCPUB;<br>USPAT; USOCR;<br>DEHWENT | AND | OFF | 2007/07/31<br>10:44 |
| S87 | 192 | "712".clas. instruction\$1 adj5 (switch\$4 or chang \$4 or transfer\$4) adj5 ("reservation istation" or "instruction buffer" or "instruction queue")  | US-POPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>10:45 |
| S88 | 1   | "instruction stream"<br>near5 assigned<br>near5 "execution<br>unit"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>11:11 |
| S89 | 4   | "instruction stream"<br>near5 particular<br>near5 "execution<br>unit"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>11:12 |
| S90 | 62  | "instruction stream"<br>adj5 "execution<br>unit"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>11:18 |

| S91         | 12  | "instruction group"<br>adj4 "execution<br>unit"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:39 |
|-------------|-----|--|---------------------------------------|-----|-----|---------------------|
| S92         | 0   | "instruction group"<br>with separated<br>near5 (branch or<br>"control transfer")                   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:40 |
| S93         | 184 | "instruction group"<br>with (branch or<br>"control transfer")                                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:40 |
| S94         | 141 | "instruction group"<br>near8 (branch or<br>"control transfer")                                     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:50 |
| <b>S9</b> 5 | 980 | "instruction stream"<br>near8 (branch or<br>"control transfer")                                    | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:50 |
| S96         | 791 | "712".clas. "instruction stream" near8 (branch or "control transfer")                              | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:50 |
| S97         | 0   | "712".clas. "instruction stream" with separated near2 (branch or "control transfer")               | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:51 |
| S98         | 553 | "712".clas. "instruction stream" near3 (branch or "control transfer")                              | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:51 |
| S99         | 85  | "712".clas. "instruction stream" near3 (branch or "control transfer") same execution near2 unit\$1 | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:53 |
| S100        | 24  | "712".clas. "instruction stream" near8 (branch or "control transfer") with execution near2 unit\$1 | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | OFF | 2007/07/31<br>13:54 |

<sup>10/15/2008 2:08:44</sup> PM

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